

Table 1. Adenovirus-mediated gene transfer to rat kidney

Animal No	Viral dose (particles/rat)	Perfusion time (min)	Sac'd at	Lac Z expression		
				right kidney	left kidney	liver
1-1	1.5×10^{11}	5	day 3 post infusion	0%	0%	10%
1-2				0%	0%	60%
1-3				0%	0%	30%
2-1	1.5×10^{11}	15	day 3 post infusion	0%	0%	70%
2-2				0%	0%	60%
2-3				0%	0%	40%
3-1	7.5×10^{11}	5	day 3 post infusion	0%	0%	95%
3-2				0%	0%	70%
3-3				0%	0%	80%
4-1	7.5×10^{11}	15	day 3 post infusion	30% glomeruli	0%	80%
4-2				50% glomeruli	0%	100%
4-3				70% glomeruli	0%	100%
5-1	7.5×10^{11}	15	day 21 post infusion	10% glomeruli	0%	30%
5-2				10% glomeruli	0%	50%
5-3				15% glomeruli	0%	40%

Tissue samples from four animals were examined at each time point. Quantification was made by counting lacZ positive cells (in liver) or renal glomeruli in ten microscopic fields with 100x magnification. A lacZ positive glomerulus is defined as a glomerulus that contains at least three lacZ positive cells.

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3-1	7.5×10^{11}	5	day 3 post infusion	0%	0%	95%
3-2				0%	0%	70%
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4-1	7.5×10^{11}	15	day 3 post infusion	30% glomeruli	0%	80%
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